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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/076,559  
Applicant : February 19, 2002  
Filed : Carl B. FREIDHOFF  
TC/A.U. : 2814  
Examiner : Nathan W. Ha

Docket No. : 2662-140  
Customer No. : 06449  
Confirmation No. : 1467

**SECOND INFORMATION DISCLOSURE STATEMENT**

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449.

I hereby certify that each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. A copy of the International Search Report dated January 26, 2004 is enclosed. Accordingly, Applicant petitions the Commissioner to consider this information disclosure statement.


04/26/2004 SSITHIB1 00000041 10076559

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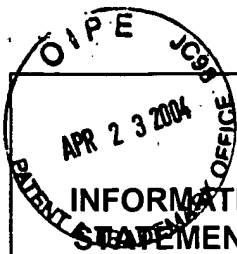
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Pursuant to the provisions of 37 C.F.R. § 1.17, enclosed is a check for \$180.00. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-2135. An additional copy of this document is enclosed.

Respectfully submitted,

By   
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Enclosures  
2662-140.IDS.wpd



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*Complete if Known*

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		10/076,559
				Filing Date		February 19, 2002
				First Named Inventor		Carl B. FREIDHOFF
				Group Art Unit		2814
				Examiner Name		Nathan W. Ha
Sheet	1	of	1	Attorney Docket Number		2662-140

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		5,504,026		Kung	04-02-1996
		5,963,788		Barron et al.	10-05-1999
		6,146,917		Zhang et al.	11-14-2000
		6,149,828		Vaartstra	11-21-2000
		2002/0019079	A1	Kawai	02-14-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
		DE	199 61 578	A1	Robert Bosch-GmbH	06-28-2001	AB

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.